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| <br><b>INFORMATION<br/>DISCLOSURE<br/>PETITION</b><br><small>PTO-1449</small> | <b>CUSTOMER<br/>NUMBER</b><br><br><b>26615</b> | <b>ATTORNEY's DKT No.</b><br><b>0026-0032</b>        | <b>APPLICATION NO.</b><br><b>10/608,135</b> |
|  |  | <b>APPLICANT(s)</b><br><b>Sanjay Ghemawat et al.</b> |   |
|  |  | <b>FILING DATE</b><br><b>June 30, 2003</b>           | <b>GROUP</b><br><b>2171</b> <i>2163</i>     |

## **U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

|    |  |
|----|--|
| HT | Copy of U.S. Serial No. 10/608,139; filed June 30, 2003; Ghemawat et al.; entitled: "SYSTEMS AND METHODS FOR REPLICATING DATA"; 62 pages.                  |
| HT | Copy of U.S. Serial No. 10/608,039; filed June 30, 2003; Ghemawat et al.; entitled: "GARBAGE COLLECTING SYSTEMS AND METHODS"; 59 pages.                    |
| HT | Copy of U.S. Serial No. 10/608,037; filed June 30, 2003; Ghemawat et al.; entitled: "SYSTEMS AND METHODS FOR MAINTAINING DATA IN A FILE SYSTEM"; 58 pages. |
| HT | Copy of U.S. Serial No. 10/608,136; filed June 30, 2003; Ghemawat et al.; entitled: "LEASING SCHEME FOR DATA-MODIFYING OPERATIONS"; 60 pages.              |

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|----------------------------|-------------------------------|
| EXAMINER<br><i>Wankhan</i> | DATE CONSIDERED<br>11/19/2006 |
|----------------------------|-------------------------------|

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).



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|--|-------------------------------------|--|--------------------|
| <b>INFORMATION<br/>DISCLOSURE<br/>CITATION</b><br>PTO-1449 | <b>CUSTOMER<br/>NUMBER</b><br>26615 | ATTORNEY'S DKT NO.                     | APPLICATION NO.    |
|  |                                     | 0026-0032                              | 10/608,135         |
|  |                                     | APPLICANT(S)<br>Sanjay GHEMAWAT et al. |                    |
|  |                                     | FILING DATE<br>June 30, 2003           | GROUP<br>2471 2163 |

## U.S. PATENT DOCUMENTS

| EXAMINER'S INITIALS | PATENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE |
|---------------------|------------|------|------|-------|----------|-------------|
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## FOREIGN PATENT DOCUMENTS

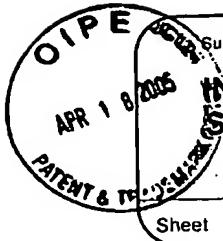
| EXAMINER'S INITIALS | PATENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | Translation |    |
|---------------------|------------|------|---------|-------|----------|-------------|----|
|                     |            |      |         |       |          | Yes         | No |
|                     |            |      |         |       |          |             |    |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|    |  |
|----|--|
| #T | Thomas Anderson et al., "Serverless Network File Systems", Proceedings of the 15 <sup>th</sup> ACM Symposium on Operating System Principles, Copper Mountain Resort, Colorado, December 1995, pages 1-21.                                  |
| #T | Remzi H. Arpacı-Dusseau et al., "Cluster I/O with River: Making the Fast Case Common", Proceedings of the Sixth Workshop on Input/Output in Parallel and Distributed Systems (IOPADS '99), Atlanta, Georgia, May 1999, pages 1-13.         |
|    | Garth A. Gibson et al., "A Cost-Effective, High Bandwidth Storage Architecture", Proceedings of the 8 <sup>th</sup> Architectural Support for Programming Languages and Operating Systems, San Jose, California, October 1998, pages 1-12. |
|    | Barbara Liskov et al., "Replication in the Harp File System", 13 <sup>th</sup> Symposium on Operating System Principles, Pacific Grove, California, October 1991, pages 226-238.   |
|    | David A. Patterson et al., "A Case for Redundant Arrays of Inexpensive Disks (RAID)", Proceedings of the 1988 ACM SIGMOD International Conference on Management of Data, Chicago, Illinois, September 1988, pages 109-116.                 |
|    | Frank Schmuck et al., "GPFS: A Shared-Disk File System for Large Computing Clusters", Proceedings in the First USENIX Conference on File and Storage Technologies, Monterey, California, January 2002, pages 231-244.                      |
|    | Chandramohan A. Thekkath et al., "Frangipani: A Scalable Distributed File System", Proceedings of the 16 <sup>th</sup> ACM Symposium on Operating System Principles, Saint-Malo, France, October 1997, pages 224-237.                      |
|    | InterMezzo, <a href="http://www.inter-mezzo.org">http://www.inter-mezzo.org</a> , 2003.  |
|    | Luis-Felipe Cabrera et al., "Swift: Using Distributed Disk Striping to Provide High I/O Data Rates", Computer Systems; 1991; pages 1-24.   |
|    | John H. Howard et al., "Scale and Performance in a Distributed File System", ACM Transactions on Computer Systems, Vol. 6, No. 1, February 1988; pages 51-81.  |
| #T | Copy of U.S. Serial No. 10/608,140; filed June 30, 2003; Ghemawat et al.; entitled: "SYSTEMS AND METHODS FOR PERFORMING RECORD APPEND OPERATIONS"; 64 pages.   |

|                 |                  |
|-----------------|------------------|
| EXAMINER        | DATE CONSIDERED  |
| <i>Hanchuan</i> | <i>1/19/2006</i> |

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Substitute for form 1449A/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

### Sheet

1 of 1

| Complete If Known |                             |
|-------------------|-----------------------------|
| Application       | 09/608,135 (conf. 9698)     |
| Filing Date       | 06/30/2000                  |
| First Named       | Spalink et al.              |
| Group Art Unit    | 2132 2163                   |
| Examiner Name     | Dinh, Minh <i>Hanh Thai</i> |
| Attorney Docket   | FOV0001-US (1310-005)       |

**U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

Examiner  
Signature

Date  
Considered

Hank Shaw

1/19/2006